

## PATENT COOPERATION TREATY

# **PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

P041193P0				see Form PCT/ISA/220
<b>_</b>		ACTION	as well	as, where applicable, item 5 below.
nternational application N	10.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)
PCT/JP2005/0229	91	08/12/2005		08/12/2004
pplicant				
ATSUSHITA ELEC	TRIC INDUST	RIAL CO., LTD.	· · · · · · · · · · · · · · · · · · ·	
This international search according to Article 18.	n report has been   A copy is being tra	prepared by this International Searchsmitted to the International Burea	ching Autho	ority and is transmitted to the applicant
This international search	n report consists o	f a total ofshe	ets.	
X It is also	accompanied by	a copy of each prior art document of	cited in this	report.
Basis of the report	<del></del>			
•		nternational search was carried ou	t on the bas	sis of:
_		pplication in the language in which		
	a translation of the of a translation fur	e international application into nished for the purposes of internati	onal searcl	, which is the language h (Rules 12.3(a) and 23.1(b))
b. With reg	gard to any nucled	tide and/or amino acid sequence	disclosed	in the international application, see Box No. I
2. Certain	claims were four	nd unsearchable (See Box No. II)		
3. Unity o	f invention is lac	king (see Box No III)		
4. With regard to the ti	-	hmittad by the continue		
=		bmitted by the applicant hed by this Authority to read as folk		
	nas econ establis	ned by this Authority to lead as lone	JWS.	
5. With regard to the a	bstract,			
X the text	is approved as su	bmitted by the applicant		
the text may, wi	has been establish thin one month fro	hed, according to Rule 38.2(b), by t m the date of mailing of this interna	his Authori itional sear	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority
6. With regard to the d	Irawings,			
a. the figure of the	drawings to be p	ublished with the abstract is Figure	No. <u>1</u>	
X	as suggested by t			
	as selected by this	s Authority, because the applicant f	ailed to sug	gest a figure
	as selected by this	s Authority, because this figure bett	er characte	erizes the invention
		e published with the abstract		



#### INTERNATIONAL SEARCH REPORT

International application No PCT/JP2005/022991

A. CLASSIFICATION OF SUBJECT MATTER F04B39/02 F25B31/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ & F04B & F25B \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DO	CUME	ENTS CC	NSIDEF	RED TO	В	E F	1E	.EV	ANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
X	US 5 542 266 A (SUZUKI ET AL) 6 August 1996 (1996-08-06)	1,3,5, 7-9
Υ	column 2, lines 17-19 claim 4	4,6
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X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 156165 A (HITACHI LTD), 31 May 2002 (2002-05-31) abstract	1

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Further documents are listed in the continuation of Box C.	X See patent family annex.	
Special categories of cited documents:      A' document defining the general state of the art which is not considered to be of particular relevance      E' earlier document but published on or after the international filing date      L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)      O' document referring to an oral disclosure, use, exhibition or other means      P' document published prior to the international filing date but later than the priority date claimed	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone and oral disclosure, use, exhibition or an oral disclosure, use, exhibition or control to the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	
Date of the actual completion of the international search 28 February 2006	Date of mailing of the international search report  07/03/2006	
Name and mailing address of the ISA/  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Olona Laglera, C	

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### INTERNATIONAL SEARCH REPORT

International application No
PCT / JP2005 / 022991

(Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/JP2005/022991
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<b>(</b>	US 5 108 634 A (SEIKI ET AL) 28 April 1992 (1992-04-28) abstract column 4, lines 13-27	4
Y	EP 0 846 749 A (SANYO ELECTRIC CO. LTD) 10 June 1998 (1998-06-10) page 7, lines 3,36-39	6
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International application No PCT/JP2005/022991

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